

# King County DNRP Water Quality Index

STATION **MFK SNQ** WATER YEAR **2018**

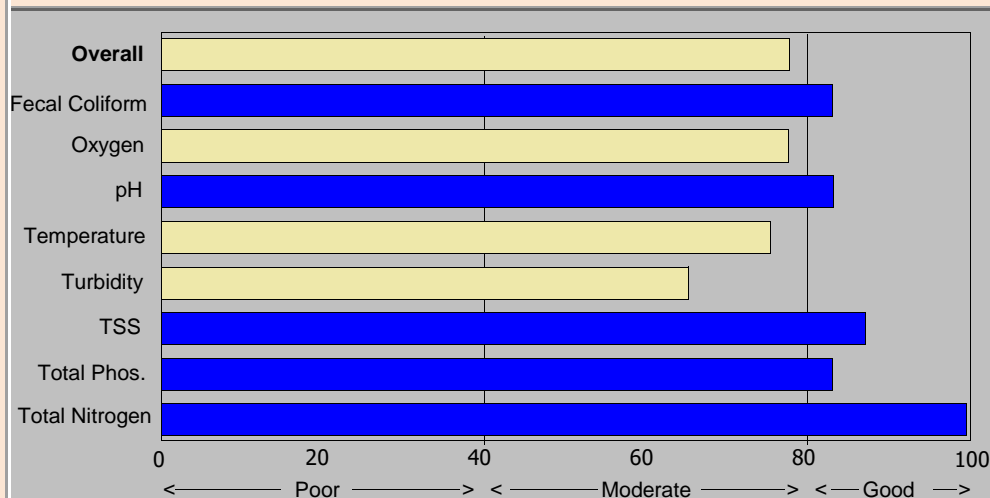
**GAUGE # 39M Middle Fork Snoqualmie**

**Overall Index 78**

King County samples for water quality on the Middle Fork Snoqualmie River at station MFK-SNO located at 428th Ave SE, just upstream from its confluence with the North Fork Snoqualmie River. The Middle Fork originates high in the west slope of the Cascades at Chain Lakes and flows to the west until it meets the North Fork of the Snoqualmie near the town of North Bend. Most of the 108,800 acre drainage area is forested and within the Mt. Baker – Snoqualmie National Forest, though extensive development associated with the towns of Twin Falls, Tanner, and North Bend has taken place in the lowest areas of the watershed. The Middle Fork of the Snoqualmie River is on the Washington State Department of Ecology's 303(d) list, Category 4a, as part of the Snoqualmie River Watershed Temperature and Multi-parameter (specifically fecal coliform bacteria) TMDLs.

## Annual Water Quality Index Scores

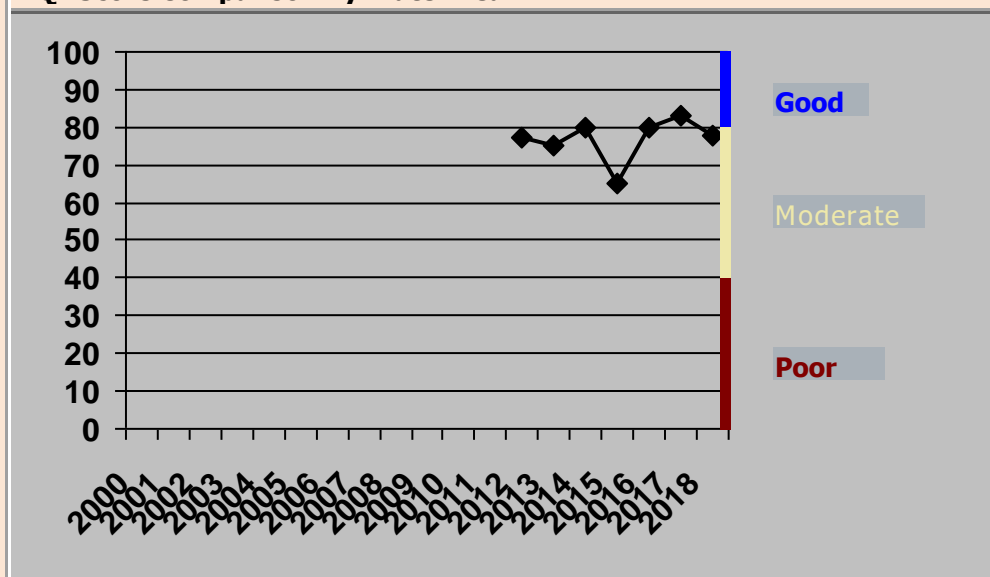
Water quality was MODERATE based on data collected 10/1/2017 to 9/30/2018.



## Monthly Scores For Water Year 2018

Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
84	96	70	99	99	100	95	97	93	81	81	86

## WQI Score Comparison By Water Year



## About The Water Quality Index:

The Water Quality Index (WQI) score is a unit-less number ranging from 10 to 100: the higher the number, the higher the water quality. Scores are calculated from data collected during the monthly routine sampling. For temperature, pH, fecal coliform bacteria, turbidity, and dissolved oxygen, the index expresses results relative to levels required to maintain beneficial uses according to criteria in Washington's Water Quality Standards, WAC 173-201A. For nutrient and sediment measures where there are no standard, results are expressed relative to guidelines for this eco-region. Results from the eight parameters are aggregated over time to produce a single score for each sample station. In general, stations scoring 80 and above did not fail water quality standards or guidelines and are of "low concern", scores 40 to 80 indicate "moderate concern", and water quality at stations with scores below 40 are of "high concern". For more information about the WQI please visit <https://green2.kingcounty.gov/streamsdata/WQI.aspx>

For more information about this creek please visit our website at <http://green.kingcounty.gov/WLR/Waterres/StreamsData/streamlist.aspx>